

Patent Abstracts of Japan

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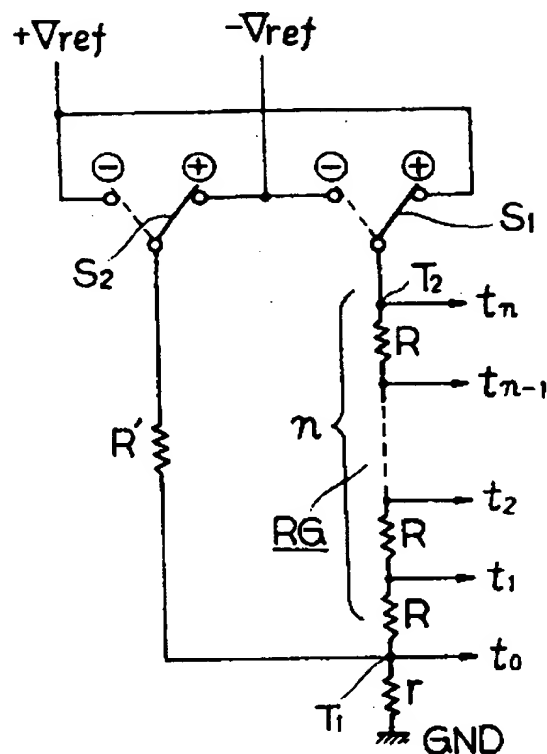
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TITLE : VOLTAGE DIVIDING CIRCUIT



ABSTRACT : PURPOSE: To increase the accuracy of divided voltage, by connecting the return resistor having the same resistance as the resistor network and the reference potential of the opposite polarity as the resistance network via the interlocking switch to the connection point between the voltage division resistance network and ground wiring.

CONSTITUTION: One end of the voltage division resistance network R_G is connected to the reference voltage V_{ref} of positive or negative polarity via the switch S_1 , and another end is connected to the ground potential via the ground resistor (r). Further, at the connection point T_1 between the resistance network R_G and the ground resistance (r), the reference voltage V_{ref} of the opposite as that given to the resistance network R_G is connected via the return resistor R' of the same resistance value as the resistance network R_G and the switch S_2 in interlocking with the switch S_1 . Thus, the potential at the connecting point T_1 is the same as ground potential and the current flowing to ground GND is absent.

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